

Division of Maintenance

16651 Crabbs Branch Way
Rockville, Maryland 20855-2201



May 21, 2012

Mr. Shawn M. Garvin
Regional Administrator
EPA, Region 3
1650 Arch Street
Philadelphia, PA 19103Dear

RECEIVED
MAY 22 2012
EPA REGION III
OFFICE OF REGIONAL ADMINISTRATOR

Mr. Gavin:

I have enclosed the PCB remediation plan for Gaithersburg HS School as required by 40 CFR 761.61. A draft of the remediation plan has been graciously reviewed by Scott Rice, PCB Compliance Officer on PCBs in Caulk for EPA Region 3.

Thank you for your consideration of this request. Please contact me with any questions or comments.

Sincerely,

A handwritten signature in cursive script, appearing to read "B. Mullikin".

Brian Mullikin, Environmental Team Leader

**PCB-CONTAMINATED MATERIAL REMOVAL AND
VERIFICATION PLAN**

**Gaithersburg High School
314 South Frederick Ave
Gaithersburg, Maryland**

Submitted by:

**Montgomery County Public Schools
16651 Crabbs Branch Way
Rockville, Maryland 20855**

**HESS Construction & Engineering Services
804 West Diamond Avenue Suite 300
Gaithersburg, MD 20878**

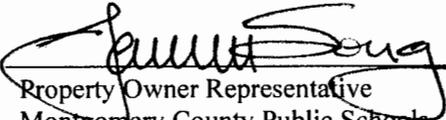
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314 South Frederick Ave, Gaithersburg, Maryland**

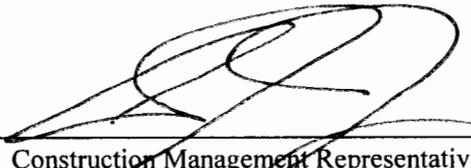
40 CFR 761.61(a)(3)(i)(E) CERTIFICATION

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete..


Property Owner Representative
Montgomery County Public Schools
James Song, Director
Department of Facilities Management

240-314-1064
Phone

05-18-12
Date


Construction Management Representative
Aaron Mengel, Project Manager
HESS Construction & Engineering

240-454-2751
Phone

5/18/12
Date

PCB Abatement Subcontractor Representative

Phone

Date

1 INTRODUCTION

This document is intended to provide notification of the removal of polychlorinated biphenyl (PCB) contaminated caulk, expansion joints, building materials, and soil from the Montgomery County Public School (MCPS) Gaithersburg High School. In addition, this document describes verification procedures to ensure that all PCB-contaminated materials above the cleanup level (ppm) have been removed. If other PCB-containing materials are found at the project site during demolition activities, MCPS will submit additional notification to the regional administrator if the plan is modified.

According to the *PCBs in Caulk* fact sheet, the Environmental Protection Agency (EPA) states that caulk containing PCBs was used in many buildings, including schools, during building construction, renovation, or repair from the 1950s through the late 1970s (EPA 2009a).

Exposure to PCBs can cause a variety of adverse health effects in animals and humans. PCBs have been shown to cause cancer in animals, as well as a number of serious non-cancer health effects, including effects on the immune system, reproductive system, nervous system, endocrine system and other health effects. In humans, PCBs are potentially cancer-causing and can cause other non-cancer effects as well (EPA 2009a).

2 PROJECT SITE

Gaithersburg High School is located at 314 South Frederick Avenue in Gaithersburg, Maryland. The school was constructed in 1951 with subsequent additions/renovations in 1956, 1961, 1965, 1971, 1977, and 1985. The building will be demolished in summer 2012. A local aerial photograph of the high school and surrounding area is shown in Figure 1.

3 OVERALL CLEANUP GOALS

Caulk containing PCBs at levels ≥ 50 ppm is not authorized for use under the PCB regulations and must be removed, whereas caulk containing PCBs at levels < 50 ppm may remain in place. PCBs in caulk are known to contaminate adjacent building material (e.g., masonry, wood, and concrete) and soil surrounding the building. Therefore, any surrounding building material that is contaminated by ≥ 50 ppm PCB-containing caulk (i.e., through leaching of PCBs) is considered PCB remediation waste and must be cleaned up in accordance with 40 CFR §761.61. Safely removing the PCB-containing caulk, while preventing further contamination and cleaning up surrounding materials should be the focus of cleanup projects (EPA 2009a).

The *Verification of PCB Cleanup by Sampling and Analysis* (EPA-560/5-85-026) states that the EPA has established requirements for reporting PCB releases based on the amount of material released, PCB disposal requirements, and materials contaminated by PCBs. Under the Toxic Substance Compliance Act (TSCA) regulations within 40 CFR 761.30 and 761.60, PCB releases are viewed as improper disposal of PCBs. Although specific PCB cleanup requirements are not established by TSCA regulations, each regional administrator is given authority by policy to enforce adequate cleanup of PCB releases to protect human health and the environment (EPA 1985).

PCB releases are generally viewed as unique situations to be evaluated on a case-by-case basis by both the property owner and the EPA Regional Office. However, a general framework is often used to approach the problem. Most cleanup activities involve quick response, removal,

or cleaning of suspected contaminated material, and post-cleanup sampling to document adequate cleanup. Major considerations involved in the cleanup process include minimizing environmental dispersion, minimizing any present or future human exposure to PCBs, protecting the health and safety of the cleanup crew, and properly disposing of contaminated materials (EPA 1985).

The abatement contractor removing the PCB-containing caulk and building materials from Gaithersburg High School will follow the EPA guidance in *Handling PCBs in Caulk During Renovation* (EPA-747-F-09-004) and all relevant OSHA regulations (EPA 2009b).

4 MANAGEMENT OF PCB-CONTAMINATED MATERIALS

When removing caulk and surrounding building material that are known or suspected to contain PCBs, it is important to manage the removal in a way that minimizes workers' exposure to the PCBs (e.g., through use of respirators and gloves) and prevents the release of PCBs into the environment. Caulk containing PCBs at concentrations >50 ppm must be managed and disposed as *PCB bulk product waste* as defined in 40 CFR 761.3 and 761.62. *Building materials* (e.g., concrete and brick) that are coated with PCB-containing caulk at concentrations >50 ppm must be managed as *PCB bulk product waste*, with the same requirements as the >50 ppm PCB-containing caulk. In addition, building materials that have been contaminated by >50 ppm PCB-containing caulk (e.g., through leaching of PCBs) as well as any soils contaminated with PCBs from the caulk, also must be cleaned up. These materials must be treated as *PCB remediation waste*, as defined in 40 CFR 761.3, and managed in accordance with 40 CFR 761.61. The requirements in this section vary depending on, among other things, the type of building material that contains the PCBs (i.e., porous or non-porous) and the potential exposure levels remaining after cleanup is completed (EPA 2009a).

SAIC personnel (John Whelpley and Brandon Peebles) conducted the initial visual inspection of Gaithersburg High School on 6 July 2011. Based on discussions with the Building Services Manager, the older portions of the school will be demolished. This includes the Original 1951 Building and the additions/renovations in 1956, 1961, 1965, 1971, 1977, and 1985. Based on the TSCA ban in 1978, workers would not encounter any PCB-containing caulks in the 1985 Addition. However, use of PCB additives in building caulks began in the 1950s and, thus, may be present within the original building and the five subsequent additions. Therefore, the 1951 original building and the additions in 1956, 1961, 1965, 1971, and 1977 are hereafter known as the "Subject Area". Within this area, potential PCB-containing caulks were observed at the door frames, window frames, window glazing, and expansion joints. The sampling at each of these caulk types is described in Section 4.1 (Door Frames), Section 4.2 (Expansion Joints), and Section 4.3 (Window Frames). The soil sampling is discussed in Section 4.4 and a summary of the PCB-contaminated materials is presented in Section 4.5.

4.1 Door Frame Caulk Sampling

A total of 31 door frames with caulk were observed within the Subject Area. Due to the variety of caulks used, SAIC collected a caulk sample at each door frame on 6 July 2011. As shown in Figure 2, the samples were numbered to correspond to each door number and ranged from DR-01 to DR-68 (e.g., 551-DR-66B was collected from Door 66B). As shown in the laboratory results in Appendix A and summarized in Table 1, PCBs were detected in 21 of the 31 door frame samples. A total of six samples contained over 10,000 mg/kg of PCBs (in the form

of Aroclor 1254): Door 6 (81,000 mg/kg), Door 12 (63,600 mg/kg), Door 28 (57,300 mg/kg), Door 14 (29,200 mg/kg), Door 25 (20,700 mg/kg), and Door 67 (13,800 mg/kg). All six of these samples were from doors in the 1965 addition, which corresponds to the period of time in the 1960s when the use of PCB additives in caulk peaked. Based on the sampling results and in accordance with TSCA regulations, these six doors require removal and designation as PCB-contaminated material because they contain greater than 50 ppm of PCBs. In addition, one of the doors in the 1965 addition (i.e., Door 13) contains 27.7 ppm of PCBs. The removal of this door is also recommended because the door frame has the same caulk type as the others within the 1965 addition and the results are within 50% of the TSCA action level. In addition, the porous brick in contact with the door frame caulk (approximately 8 inches) will be removed at the same time as the door frames. As shown in Table 2, all of the 24 other doors in the other sections contain less than 6.77 ppm of PCBs and do not require removal and disposal as PCB-contaminated materials.

Table 1. Door Frame Sample Results

Door Frame Sample Number	Building Section	Aroclor 1254 Concentration
551-DR-01	1977 Addition	2.57 mg/kg
551-DR-02	1977 Addition	<0.5 mg/kg
551-DR-03	1977 Addition	<0.5 mg/kg
551-DR-04	1977 Addition	<0.5 mg/kg
551-DR-05	1977 Addition	<0.5 mg/kg
551-DR-06	1965 Addition	81,000 mg/kg
551-DR-09A	Original 1951 Building	6.77 mg/kg
551-DR-10	Original 1951 Building	1.47 mg/kg
551-DR-11	Original 1951 Building	<0.5 mg/kg
551-DR-12	1965 Addition	63,600 mg/kg
551-DR-13	1965 Addition	27.7 mg/kg
551-DR-14	1965 Addition	29,200 mg/kg
551-DR-15	1971 Addition	<0.5 mg/kg
551-DR-16C	1971 Addition	<0.5 mg/kg
551-DR-17	1971 Addition	0.92 mg/kg
551-DR-18	1971 Addition	0.615 mg/kg
551-DR-19	1971 Addition	0.615 mg/kg
551-DR-25	1965 Addition	20,700 mg/kg
551-DR-27	Original 1951 Building	0.68 mg/kg
551-DR-28	1965 Addition	57,300 mg/kg
551-DR-29	1961 Addition	0.71 mg/kg
551-DR-41	1956 Addition	1.54 mg/kg
551-DR-42	1956 Addition	1.16 mg/kg
551-DR-44	1956 Addition	1.47 mg/kg
551-DR-45	1956 Addition	1.23 mg/kg
551-DR-46	1956 Addition	1.36 mg/kg
551-DR-66	1971 Addition	<0.5 mg/kg
551-DR-66A	1971 Addition	<0.5 mg/kg
551-DR-66B	1971 Addition	<0.5 mg/kg
551-DR-67	1965 Addition	13,800 mg/kg
551-DR-68	Original 1951 Building	2.71 mg/kg

Note: **Bold** indicates an exceedance of the 50 ppm TSCA standard.

Table 2. Summary of Door Frame Sample Results by Section

Building Section in Subject Area	Maximum Detected PCB Concentration in Door Frame Caulk Samples	Exceed TSCA Action Level (>50 ppm of PCBs)?
1951 Original Building	6.77 mg/kg of Aroclor 1254	No
1956 Addition	1.54 mg/kg of Aroclor 1254	No
1961 Addition	0.71 mg/kg of Aroclor 1254	No
1965 Addition	81,000 mg/kg of Aroclor 1254	Yes
1971 Addition	0.92 mg/kg of Aroclor 1254	No
1977 Addition	2.57 mg/kg of Aroclor 1254	No

4.2 Expansion Joint Sampling

A total of eight expansion joints were observed within the Subject Area. As shown in Figure 3, SAIC collected a sample at each expansion joint and designated them as EJ-01 to EJ-08. One sample (551-EJ-01) was not actually caulk, but was the black fibrous filler material sometimes observed between the sections. As shown in the laboratory results in Appendix A and summarized in Table 3, PCBs were detected in 5 of the 8 samples. The expansion joint samples from the 1965 Addition (551-EJ-02, 551-EJ-06, and 551-EJ-08) contained high concentrations of PCBs at over 30,000 mg/kg of Aroclor 1254 (i.e., 98,000 mg/kg, 84,600 mg/kg, and 34,800 mg/kg, respectively). The usage of PCB additives in caulk peaked in the 1960s and these concentrations reflect this. For other portions of Gaithersburg High School, the sections were joined by the black fibrous filler (which was tested as non-PCB material) or were joined with caulk that contained less than 4.40 mg/kg of PCBs. Therefore, only the three expansion joints on the 1965 building addition will require removal and disposal as PCB-contaminated material because they contain greater than 50 ppm of PCBs. One layer of brick (i.e., approximately 8 inches) from each side of the expansion joint will be removed.

Table 3. Summary of Expansion Joint Samples

Expansion Joint Samples	Type	Location	Sample Result	>50 ppm of PCBs?
551-EJ-01	Black fibrous filler (non-caulk)	1965 addition	<0.5 mg/kg	No
551-EJ-02	White caulk	1965 addition	34,800 mg/kg	Yes
551-EJ-03	White caulk	1977 addition	<0.5 mg/kg	No
551-EJ-04	Gray caulk	1977 addition	4.40 mg/kg	No
551-EJ-05	Gray caulk	1971 addition	<0.5 mg/kg	No
551-EJ-06	White caulk	1965 addition	98,000 mg/kg	Yes
551-EJ-07	Gray caulk	1977 addition	1.02 mg/kg	No
551-EJ-08	White caulk	1965 addition	84,600 mg/kg	Yes

4.3 Window Frame Caulk Sampling

A total of 173 window frames and approximately 1,600 window panes were observed within the Subject Area. Statistical analysis conducted to develop the sampling plan suggested that samples from approximately 66 window frame samples and 66 window glazing would be required to accurately evaluate the entire building. However, based on previous sampling at the door frames and expansion joints, the PCBs in the Subject Area (other than the 1965 Addition) samples results have shown that there is a maximum of 6.77 mg/kg in the door frame caulk and 4.40 mg/kg in the expansion joints. Therefore, it is likely that the window frames and window glazing in these areas have less than 50 mg/kg and would not require management as PCB-contaminated materials. For the 1965 Addition, it is possible that caulks with high concentrations of PCB additives may have been used in the window frames. Based on the visual survey, the 1965 Addition contains 52 window frames and 320 window panes. Therefore, in order to provide statistically valid data, 11 window frame samples would be required.

SAIC returned to Gaithersburg High School on 4 October 2011 to collect caulk samples from the window frames within the 1965 Addition as shown in Figure 4. In accordance with the sampling plan, we collected samples from 11 window frames which were determined to be representative of all 52 window frames (551-FOW-01 and -03 to -12). As shown in the attached sample results in Appendix B and summarized in Table 4, Aroclor 1254 was detected in all 11 samples at 65,000 to 170,000 mg/kg. These results were comparable to the caulk samples from the seven door frames and three expansion joint samples in the 1965 Addition. Another window frame caulk sample was collected at a more recently replaced window (551-FOW-02) and the results indicate that 2.44 mg/kg of Aroclor 1254 was detected. In addition, a caulk sample was collected from the 1961 Addition (FOW-13) as shown in Figure 4 as a control. This sample contained 25 mg/kg of Aroclor 1254.

Table 4. Window Frame Sample Results from Gaithersburg High School

Door Frame Sample Number	Aroclor 1254 Concentration
551-FOW-01	84,200 mg/kg
551-FOW-02 ¹	2.44 mg/kg
551-FOW-03	81,200 mg/kg
551-FOW-04	65,500 mg/kg
551-FOW-05	89,700 mg/kg
551-FOW-06	170,000 mg/kg
551-FOW-07	88,000 mg/kg
551-FOW-08	97,600 mg/kg
551-FOW-09	82,400 mg/kg
551-FOW-10	135,000 mg/kg
551-FOW-11	68,000 mg/kg
551-FOW-12	126,000 mg/kg
551-FOW-13 ²	25 mg/kg
551-WG-01 ³	24.1 mg/kg

¹Collected from replacement window located between Door 8 and Door 9.

²Collected from the 1961 Addition.

³Collected from the window glazing within the FOW-01 window frame.

Most of the windows in the 1965 Addition did not have window glazing. One glazing sample was collected at FOW-01 in the 1965 Addition (551-WG-01) as a control. This sample contained 24.1 mg/kg of Aroclor 1254.

Thus, all 52 window frames in the 1965 Addition will require removal and disposal as PCB bulk product wastes. One layer of brick (i.e., approximately 8 inches surrounding the window frames) will be removed.

4.4 Surface Soil Sampling

As discussed in Section 4.2, three of the expansion joints contain greater than 50 ppm of PCBs (EJ-02, EJ-06, and EJ-08). Of these expansion joints, two were in direct contact with the surface soil (EJ-02 and EJ-08). As a result, surface soil samples were collected at the caulk/soil interface on 24 October 2011 to determine if remediation would be necessary. These two soil samples are described below.

The EJ-02 expansion joint is located near Door 67 and contained 34,800 mg/kg of Aroclor 1254 as shown in Figure 3. However, at the time of sampling the front of Gaithersburg High School was under construction and direct access to the expansion joint was blocked by wood partition. Also, the soils in the vicinity of the expansion joint had apparently been disturbed during construction activities. One soil sample (551-SOIL-02) was collected as close to the expansion joint as possible. Based on the sample results in Appendix C and summarized in Table 5, no PCBs were detected in this soil sample above the detection limit of 0.5 mg/kg. Therefore, these soils are below the TSCA action level of 1 ppm and do not require any further action.

Table 5. Surface Soil Samples at Expansion Joints

Soil Sample Number	Arcolor 1254 Concentration	Exceeds 1 ppm Action Level?
551-SOIL-02	<0.5 mg/kg	No
551-SOIL-08	73.3 mg/kg	Yes

The EJ-08 expansion joint is located near Door 46 and contained 84,600 mg/kg of Arcolor 1254 as shown in Figure 3. One soil sample (551-SAIC-08) was collected directly beneath the expansion joint. Based on the sample results in Appendix C and summarized in Table 5, 73.3 mg/kg of Arcolor 1254 was found in the soil sample. Thus, these soils will require removal because they are above the TSCA action level of 1 ppm. EJ-08 is located in a narrow alley (approximately 6 feet wide and 12 feet long) as shown in the photograph in Figure 5. Based on previous experience within other MCPS schools, the soils in this alley should be excavated to a depth of 2 feet. The total volume to be excavated is estimated to be 12 feet long, 6 feet wide, and 2 feet deep for a total of approximately five cubic yards.

According to the EPA, the levels of soil contamination beneath PCB-contaminated caulk is not well understood at this point (EPA 2009a). A 2006 NIH study states that it is possible that the soils beneath the expansion joint may be contaminated with PCBs through rainwater leaching and caulk degradation to a depth up to 6 inches (NIH 2006). Based on MCPS experience with a 2010 remediation of soils beneath an expansion joint at Farmland Elementary School (MCPS 2010), an excavation depth of 2 feet should ensure that all PCB-contaminated soils are captured and disposed of as PCB remediation waste. Soil verification samples will be collected in the excavation to ensure that the remaining soils are below the EPA cleanup level of 1 ppm.

4.5 PCB-Contaminated Material Summary

As described in Sections 4.1, 4.2, and 4.3, all 52 window frames, seven door frames, and three expansion joints in the 1965 Addition (including the specified layers of surrounding porous brick) will require removal and disposal as PCB-contaminated materials. These caulks are summarized in Table 6. As described in Section 4.4, the soils beneath the expansion joint at EJ-08 require removal in a 12-foot long, 6-foot wide, and 2-foot deep area.

Table 6. Summary of PCB-Contaminated Materials in 1965 Addition

Media Type	Total Number of Items	PCB Concentrations	Exceed TSCA Action Level?
Window Frames	52 total	Up to 170,000 mg/kg	Yes (>50 ppm)
Door Frames	7 total	Up to 81,000 mg/kg	Yes (>50 ppm)
Expansion Joints	3 total	Up to 98,000 mg/kg	Yes (>50 ppm)
Soils (at EJ-08)	1 location (12-ft long, 6-ft wide, 2-ft deep)	Up to 73.3 mg/kg	Yes (>1 ppm)

5 NOTIFICATION OF PCB CLEANUP ACTIVITIES

40 CFR 761.61 covers the regulations for self-implementing on-site cleanup and disposal of PCB remediation wastes. The EPA designed the self-implementing procedure for a general, moderately-sized site where there should be low residual environmental impact from remedial activities. (This describes the Gaithersburg High School site.)

As part of the self-implementing procedures, the property owner (i.e., Montgomery County Public Schools) is submitting this report to the EPA Region III Office prior to the date that the cleanup of the site begins. Cleanup activities will begin when approval is received. This notification includes the required information shown in Table 7.

6 SOIL CLEANUP LEVELS

According to 40 CFR 761.61, there are four general PCB remediation wastes: bulk PCB remediation waste, non-porous surfaces, porous surfaces, and liquids. Cleanup levels are based on the kind of material and the potential exposure to PCBs left after cleanup is completed. The PCB-contaminated soils beneath the expansion joint are considered "Bulk PCB Remediation Wastes" according to this section.

Based on the current and future use of this property, the area adjacent to the expansion joint and window frame may be considered "High Occupancy Areas" under this regulation. Therefore, according to 40 CFR 761.61, the cleanup level for bulk PCB remediation wastes in high occupancy areas is 1 ppm. Based on the current and future use of this property, in accordance with 40 CFR 761.61, the cleanup level for unrestricted use of the property is 1 ppm PCBs

Table 7. Notification Information Required by 40 CFR 761.61

Regulatory Citation	Required Notification Information	Location of Information
40 CFR 761.61(a)(3)(i)(A)	The nature of the contamination, including kinds of materials contaminated.	Section 4
40 CFR 761.61(a)(3)(i)(B)	A summary of the procedures used to sample contaminated and adjacent areas and a table or cleanup site map showing PCB concentrations measured in all pre-cleanup characterization samples. The summary must include sample collection and analysis dates.	Section 4
40 CFR 761.61(a)(3)(i)(C)	The location and extent of the identified contaminated area, including maps with sample collection sites cross referenced to the sample identification numbers.	Figures 1, 2, 3, 4, and 5
40 CFR 761.61(a)(3)(i)(D)	A cleanup plan for the site, including schedule, disposal technology, and approach. This plan should contain options and contingencies to be used if unanticipated higher concentrations or wider distributions of PCB remediation waste are found or other obstacles force changes in the cleanup approach.	Sections 6 and 7
40 CFR 761.61(a)(3)(i)(E)	A written certification, signed by the owner of the property where the cleanup site is located and the party conducting the cleanup, that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the location designated in the certificate, and are available for EPA inspection.	Inside front cover

7 REMEDIATION VERIFICATION SAMPLING

MCPS personnel will remove the first two feet of soil beneath the EJ-08 expansion joint in the 12-foot long and 6-foot wide alleyway shown in Figure 5. In addition, MCPS personnel will remove the first layer of porous brick (approximately 8 inches) surrounding the door frames, window frames, and expansion joints in the 1965 Addition. The remaining soils and brick will then be sampled to verify that no PCBs remain above action levels.

The requirements of 40 CFR 761.283 require a minimum of three samples at each separate cleanup site (per media). Four confirmatory soil samples will be collected at the bottom of the 12-foot long, 6-foot wide, and 2-foot deep excavation area. In addition, three brick samples will be collected at statistically random locations after the door frames, window frames, expansion joints, and surrounding bricks are removed.

A stainless steel trowel will be used to collect each soil sample and place it in the appropriate precleaned glass container. A stainless steel pick will be used to collect the brick samples. After the bottles are capped and labeled, they will be placed in an ice chest to cool it to 4° C. One duplicate soil sample and one duplicate brick sample will also be collected and analyzed to check on laboratory Quality Assurance (QA) procedures. In addition, an equipment rinse blank will be collected to ensure that the steel trowel and pick are being decontaminated properly between sample points and not causing cross-contamination. The total number of soil and brick verification samples is summarized in Table 8 while the sample containment and preservation methods are summarized in Table 9.

Table 8. Summary of Sampling and Analysis Requirements

Media	Analysis/ Method	Analyte	Required Detection Limit (ppm)	Verification Samples	Field Duplicate Samples	Equipment Rinsates	Total
Soil	SW-846 8082	PCBs	1.0	4	1	1	6
Brick	SW-846 8082	PCBs	1.0	3	1	0	4

Table 9. Summary of Sample Containment and Sample Preservation Methods

Parameter	Sample Matrix	Analytical Method	Sample Container	Preservation Methods	Holding Times
PCBs	Soil	SW-846 8082	4-ounce, amber glass	Cool, 4° C	28 days
	Brick	SW-846 8082	4-ounce, amber glass	Cool, 4° C	28 days
	Rinse Water	SW-846 8082	80-mL sterile container	Cool, 4° C	28 days

8 FIELD OPERATIONS DOCUMENTATION

Although there are no TSCA requirements for records of PCB cleanup activities except for documentation of PCBs stored or transported for disposal (required by 40 CFR 761.80[a]), records of the spill cleanup will be kept in case of future questions or concern. Relevant information may include dates, a description of activities, records of shipment and disposal of PCB-contaminated materials, and a report of collected samples and results of analysis (EPA 1985).

Sufficient information will be recorded during field sampling in the field logbooks to permit reconstruction of all sampling activities conducted. In addition, a digital photographic record will be made during the field program to document field operations.

Because data from samples collected may be reviewed by outside agencies, chain of custody (CoC) procedures will be followed. Samples will be secured from unauthorized access during

the period of sampling. Prior to shipment of samples to the analytical laboratory, a properly completed CoC record will be placed in each shipping container. Sampling personnel will maintain a copy of the CoC record for verification of sample transport.

After samples reach the laboratory, they will be checked against information reported on the CoC forms for anomalies. The condition, temperature, and appropriate preservation of the samples will be checked and documented on the CoC form. The occurrence of any anomalies in the received samples and decisions regarding the potentially affected samples will be documented in laboratory records.

9 INVESTIGATION-DERIVED WASTE

Waste may be classified as non-investigative waste or investigation-derived waste (IDW). Non-investigative waste, such as litter and household garbage, will be collected on an as-needed basis at each sample location in a clean and orderly manner. This waste will be containerized in a plastic bag and transported to a designated dumpster within Gaithersburg High School.

IDW includes PCB remediation wastes, decontaminated building materials, hydrocarbon solvent wastes, sampling equipment cleaning fluids, and personal protective equipment (PPE). These IDW types will be disposed of as follows:

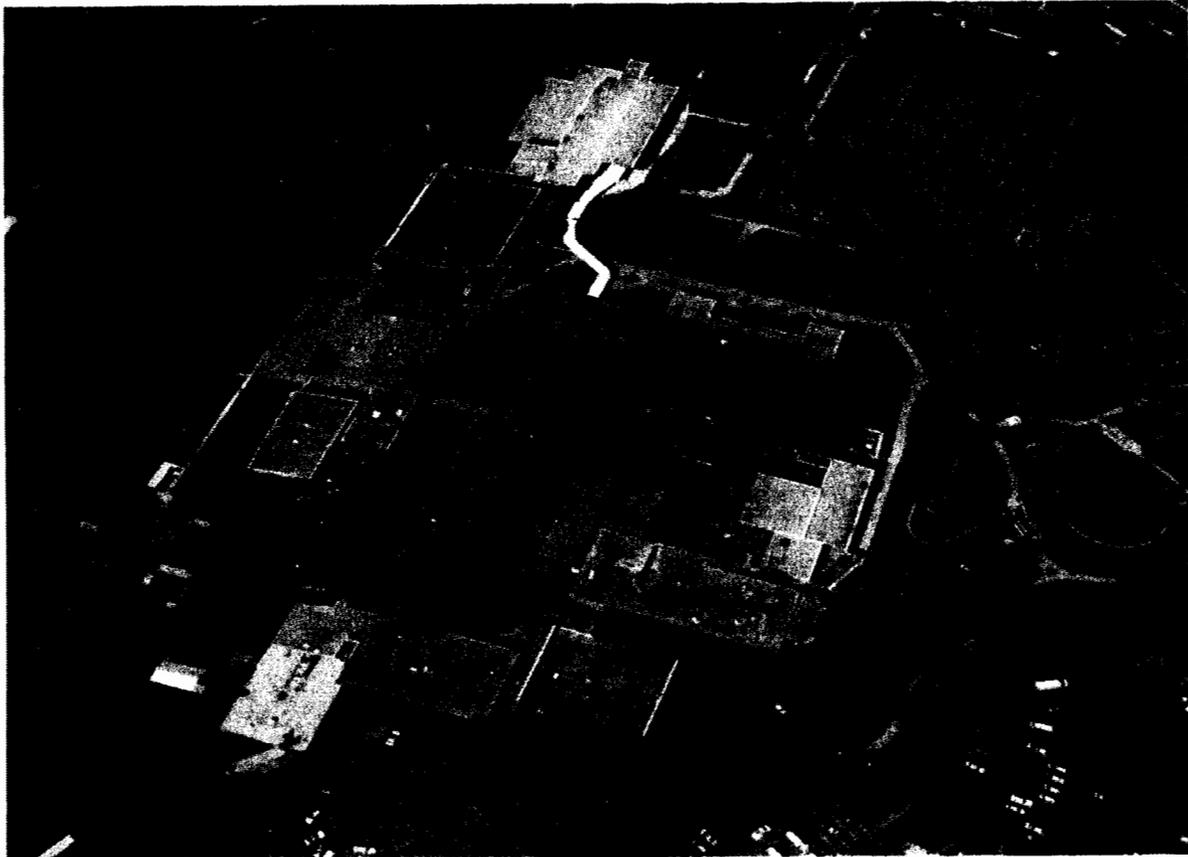
- 1) ***PCB Remediation Wastes*** – The PCB remediation wastes (i.e., PCB-containing caulk from the window and door frames, PCB-containing expansion joint, porous brick in contact with the caulk and expansion joint, and contaminated soils) will be disposed of as PCB bulk product waste in accordance with TSCA regulations in an approved landfill.
- 2) ***Decontaminated Building Materials*** – If the PCB-containing caulk from the window and door frames is removed and the frames are cleaned with a hydrocarbon solvent, the window frames may be disposed of as construction debris.
- 3) ***Hydrocarbon Solvent Wastes*** – The subcontractor may use a hexane-based solvent to clean the window and door frames after scraping off the PCB-containing caulk. Disposal of the hydrocarbon solvent wastes will follow the regulations in 40 CFR 761.79. Specifically, because the hydrocarbon solvent wastes are assumed to contain less than 50 ppm of PCBs, the regulations in 40 CFR 761.79(g)(3) may be followed.

(3) Hydrocarbon solvent used or re-used for decontamination under this section that contains <50 ppm PCB must be burned and marketed in accordance with the requirements for used oil in §761.20(e), disposed of in accordance with §761.60(a) or (e), or decontaminated pursuant to this section.

- 4) ***Sampling Equipment Cleaning Fluids*** – The cleaning fluids for the soil sampling equipment will be allowed to drain onto the ground in the vicinity of the soil sampling area.
- 5) ***PPE*** – Disposable PPE (e.g., nitrile gloves) will be placed in the plastic bag with the non-investigative waste for disposal.

10 REFERENCES

- EPA 1985 U.S. Environmental Protection Agency (EPA). *Verification of PCB Spill Cleanup by Sampling and Analysis* (EPA-560/5-85-026), August 1985.
- EPA 1986 U.S. Environmental Protection Agency (EPA). *Field Manual for Grid Sampling of PCB Spill Sites to Verify Cleanup* (EPA-560/5-86-017), May 1986.
- EPA 2009a U.S. Environmental Protection Agency (EPA). *PCBs in Caulk in Older Buildings*, downloaded from <http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/caulk/index.htm> on 26 January 2010, page last updated on 8 January 2010.
- EPA 2009b U.S. Environmental Protection Agency (EPA). *Handling PCBs in Caulk During Renovation* (EPA-747-F-09-004), September 2009
- NIH 2006 National Institutes of Health (NIH). *Soil Contamination from PCB-Containing Buildings*, 6 November 2006.
- MCPS 2010 Montgomery County Public Schools (MCPS). *Farmland Elementary School, PCB-Contaminated Material Removal and Verification Plan*, dated July 2010.



Source: Google Earth 2011

Figure 1. Overall Layout of Gaithersburg High School, Gaithersburg, Maryland

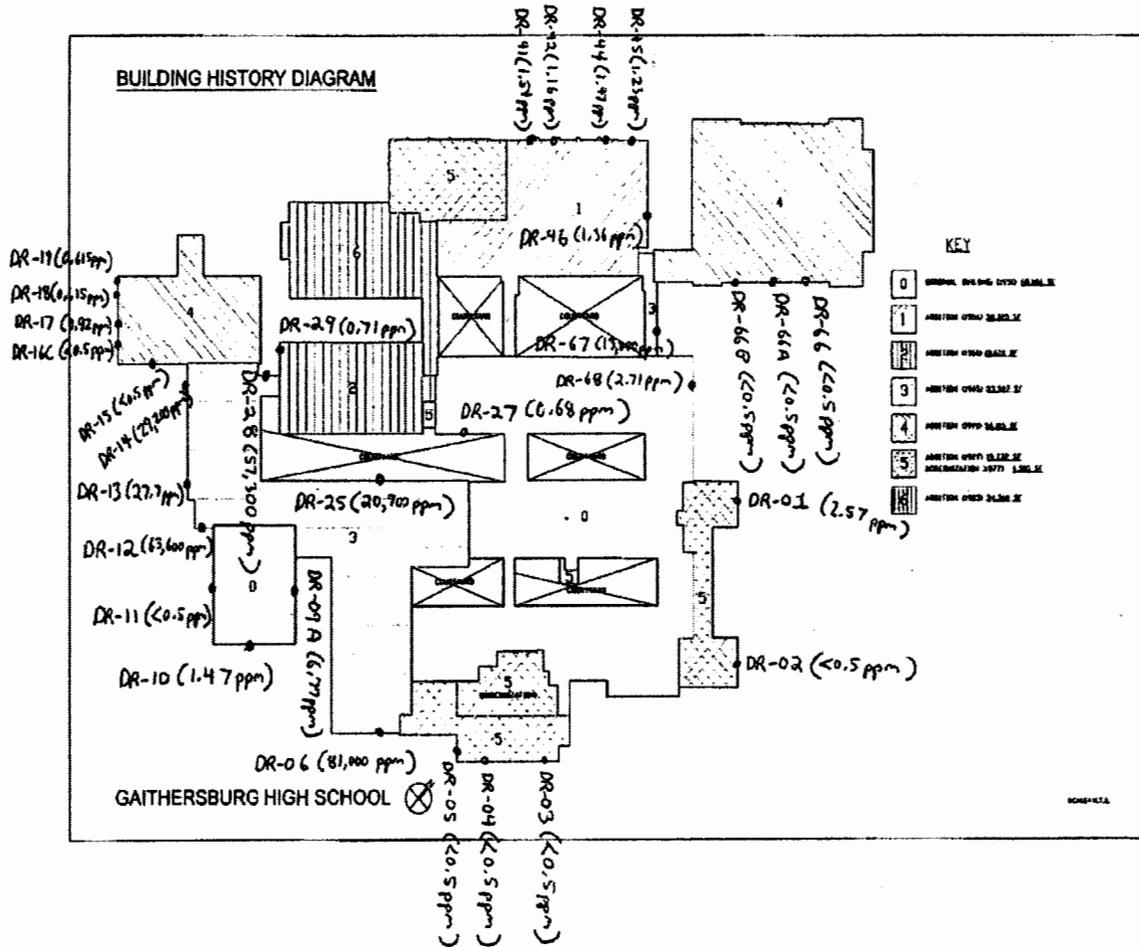


Figure 2. Door Frame (DR) Sampling Locations

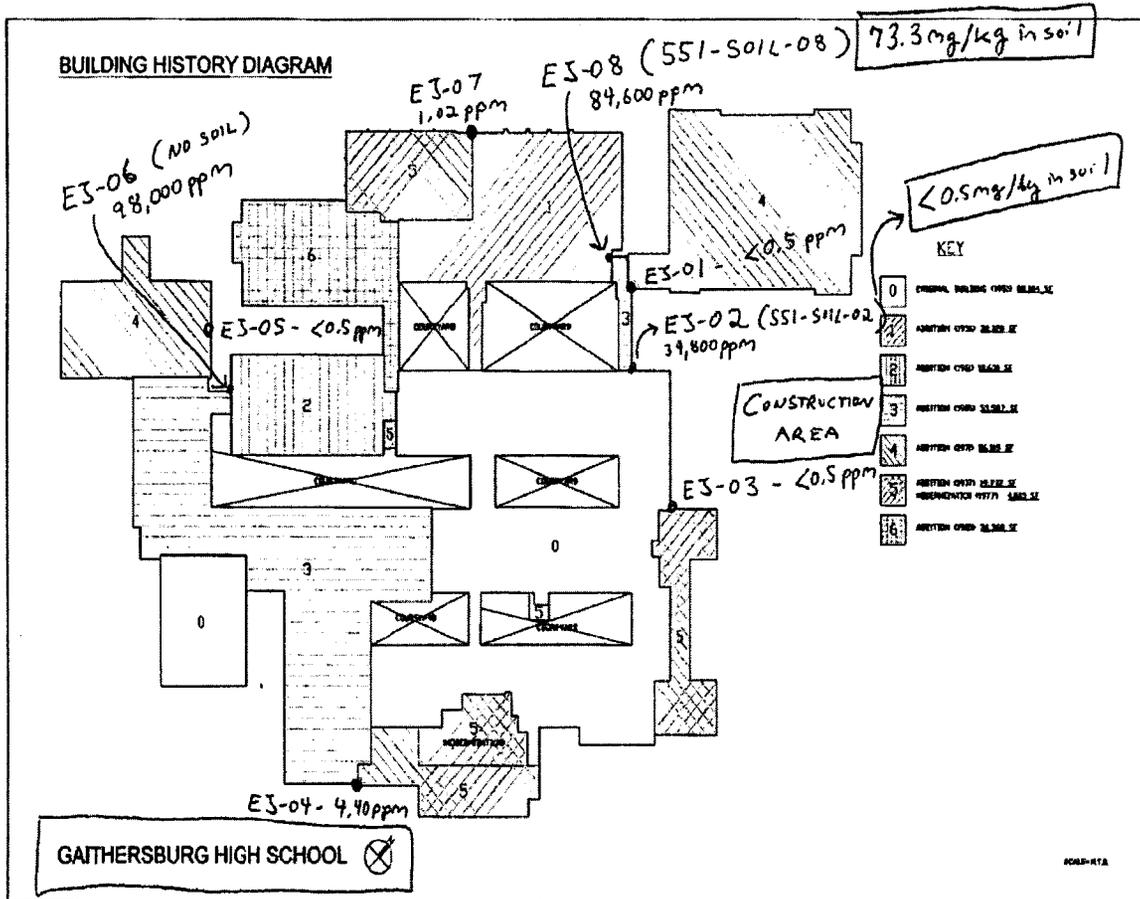


Figure 3. Expansion Joint (EJ) Sampling Locations

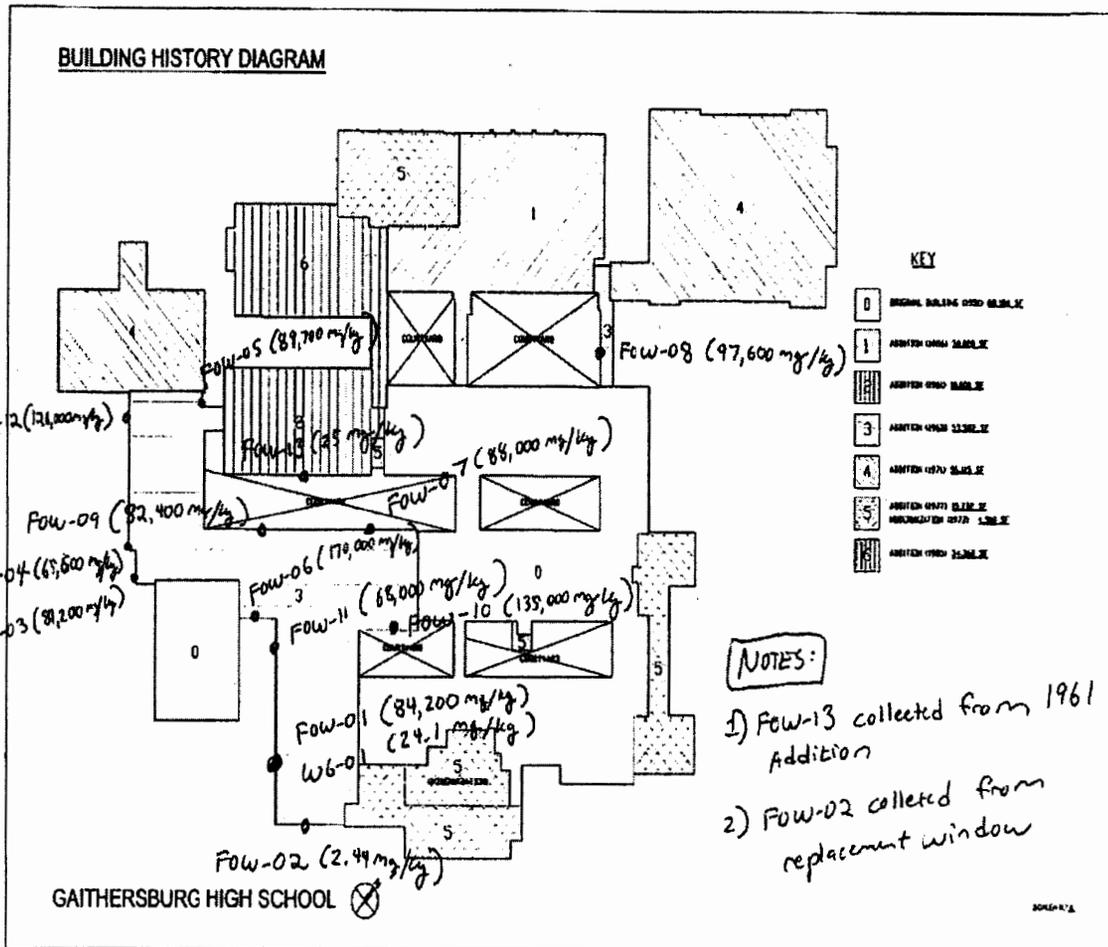


Figure 4. Window Frame (FOW) Sampling Locations



Figure 5. Location of EJ-08 and Soil Excavation Area

Appendix A. Door Frame and Expansion Joint Analytical Laboratory Results

Appendix B. Window Frame Analytical Laboratory Results

Appendix C. Soil at Expansion Joints Analytical Laboratory Results



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July 14, 2011

JOHN WHELPLEY
SAIC
12100 SUNSET HILLS ROAD
RESTON, VA 20190

Purchase Order: 200115.00.00.00.002

Client ID: GAITHERSBURG HS

Workorder: 1007290

Dear JOHN WHELPLEY:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, July 07, 2011. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Unless otherwise specified all analyses of solid materials are based on dry weight.

The signature at the end of this report certify that the results are based on the referenced methods and unless otherwise noted meet the requirements of NELAC.

Reported results relate only to the items tested, as received by the laboratory

On-site analysis (analysis ASAP) is recommended for the following tests: pH, temperature, dissolved oxygen, residual chlorine and sulfite. When performed off-site, these tests do not meet NELAC standards.

Abbreviations: ug/L = micrograms per Liter, mg/L = milligrams per Liter, ug/g = micrograms per gram, mg/kg = milligrams per kilogram, ug/wp = micrograms per wipe, ug/ml = micrograms per millimeter, uS = microsiemens per centimeter at 25 degrees Celcius, ppb = parts per billion, DF = Dilution Factor

If you have any questions concerning this report, please feel free to call Client Services at 1-800-888-8061.

Sincerely,

Dawn Casto

Enclosures

Report ID: 1007290 - 836206

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SAMPLE SUMMARY

Workorder: 1007290 GAITHERSBURG HS

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1007290001	551-EJ-01	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290002	551-EJ-02	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290003	551-EJ-03	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290004	551-EJ-04	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290005	551-EJ-05	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290006	551-EJ-06	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290007	551-EJ-07	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290008	551-EJ-08	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290009	551-DR-01	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290010	551-DR-02	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290011	551-DR-03	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290012	551-DR-04	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290013	551-DR-05	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290014	551-DR-06	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290015	551-DR-09A	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290016	551-DR-10	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290017	551-DR-11	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290018	551-DR-12	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290019	551-DR-13	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290020	551-DR-14	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290021	551-DR-15	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290022	551-DR-16C	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290023	551-DR-17	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290024	551-DR-18	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290025	551-DR-19	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290026	551-DR-25	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290027	551-DR-27	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290028	551-DR-28	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290029	551-DR-29	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290030	551-DR-41	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290031	551-DR-42	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290032	551-DR-44	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290033	551-DR-45	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290034	551-DR-46	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290035	551-DR-66	Bulk	7/6/2011 00:00	7/7/2011 12:00

Report ID: 1007290 - 836206

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SAMPLE SUMMARY

Workorder: 1007290 GAITHERSBURG HS

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1007290036	551-DR-66A	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290037	551-DR-66B	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290038	551-DR-67	Bulk	7/6/2011 00:00	7/7/2011 12:00
1007290039	551-DR-68	Bulk	7/6/2011 00:00	7/7/2011 12:00

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290001 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-EJ-01 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/11/2011 17:58	TDJ	7/11/2011 21:12	MBC
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/11/2011 17:58	TDJ	7/11/2011 21:12	MBC
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/11/2011 17:58	TDJ	7/11/2011 21:12	MBC
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/11/2011 17:58	TDJ	7/11/2011 21:12	MBC
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/11/2011 17:58	TDJ	7/11/2011 21:12	MBC
Aroclor 1254	<0.500	mg/Kg	0.500	1	7/11/2011 17:58	TDJ	7/11/2011 21:12	MBC
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/11/2011 17:58	TDJ	7/11/2011 21:12	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290002
Sample ID: 551-EJ-02

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
Analytical Method: SW-846 8082	

Aroclor 1016	<1910 mg/Kg	1910	5000	7/11/2011 17:59	0	TDJ	7/12/2011 17:51	MBC
Aroclor 1221	<1910 mg/Kg	1910	5000	7/11/2011 17:59	0	TDJ	7/12/2011 17:51	MBC
Aroclor 1232	<1910 mg/Kg	1910	5000	7/11/2011 17:59	0	TDJ	7/12/2011 17:51	MBC
Aroclor 1242	<1910 mg/Kg	1910	5000	7/11/2011 17:59	0	TDJ	7/12/2011 17:51	MBC
Aroclor 1248	<1910 mg/Kg	1910	5000	7/11/2011 17:59	0	TDJ	7/12/2011 17:51	MBC
Aroclor 1254	34800 mg/Kg	1910	5000	7/11/2011 17:59	0	TDJ	7/12/2011 17:51	MBC
Aroclor 1260	<1910 mg/Kg	1910	5000	7/11/2011 17:59	0	TDJ	7/12/2011 17:51	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290003 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-EJ-03 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 22:17	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 22:17	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 22:17	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 22:17	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 22:17	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 22:17	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 22:17	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290004
Sample ID: 551-EJ-04

Date Received: 7/7/2011 12:00
Date Collected: 7/6/2011 00:00
Matrix: Bulk
Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	10	7/11/2011 17:59	TDJ	7/12/2011 17:16	MBC
Aroclor 1221	<0.500	mg/Kg	0.500	10	7/11/2011 17:59	TDJ	7/12/2011 17:16	MBC
Aroclor 1232	<0.500	mg/Kg	0.500	10	7/11/2011 17:59	TDJ	7/12/2011 17:16	MBC
Aroclor 1242	<0.500	mg/Kg	0.500	10	7/11/2011 17:59	TDJ	7/12/2011 17:16	MBC
Aroclor 1248	<0.500	mg/Kg	0.500	10	7/11/2011 17:59	TDJ	7/12/2011 17:16	MBC
Aroclor 1254	4.40	mg/Kg	0.500	10	7/11/2011 17:59	TDJ	7/12/2011 17:16	MBC
Aroclor 1260	<0.500	mg/Kg	0.500	10	7/11/2011 17:59	TDJ	7/12/2011 17:16	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290005
Sample ID: 551-EJ-05

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 23:54	MBC	1	
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 23:54	MBC		
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 23:54	MBC		
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 23:54	MBC		
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 23:54	MBC		
Aroclor 1254	<0.500 mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 23:54	MBC		
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/11/2011 17:59	TDJ	7/11/2011 23:54	MBC		

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290006 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-EJ-06 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<5210	mg/Kg	5210	5000	7/11/2011 17:59	TDJ	7/12/2011 18:22	MBC	
				0					
Aroclor 1221	<5210	mg/Kg	5210	5000	7/11/2011 17:59	TDJ	7/12/2011 18:22	MBC	
				0					
Aroclor 1232	<5210	mg/Kg	5210	5000	7/11/2011 17:59	TDJ	7/12/2011 18:22	MBC	
				0					
Aroclor 1242	<5210	mg/Kg	5210	5000	7/11/2011 17:59	TDJ	7/12/2011 18:22	MBC	
				0					
Aroclor 1248	<5210	mg/Kg	5210	5000	7/11/2011 17:59	TDJ	7/12/2011 18:22	MBC	
				0					
Aroclor 1254	98000	mg/Kg	5210	5000	7/11/2011 17:59	TDJ	7/12/2011 18:22	MBC	
				0					
Aroclor 1260	<5210	mg/Kg	5210	5000	7/11/2011 17:59	TDJ	7/12/2011 18:22	MBC	
				0					

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290007 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-EJ-07 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 00:58	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 00:58	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 00:58	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 00:58	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 00:58	MBC	
Aroclor 1254	1.02	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 00:58	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 00:58	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290008 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-EJ-08 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<3820	mg/Kg	3820	1000	7/11/2011 18:00	TDJ	7/13/2011 11:56	MBC	
				00					
Aroclor 1221	<3820	mg/Kg	3820	1000	7/11/2011 18:00	TDJ	7/13/2011 11:56	MBC	
				00					
Aroclor 1232	<3820	mg/Kg	3820	1000	7/11/2011 18:00	TDJ	7/13/2011 11:56	MBC	
				00					
Aroclor 1242	<3820	mg/Kg	3820	1000	7/11/2011 18:00	TDJ	7/13/2011 11:56	MBC	
				00					
Aroclor 1248	<3820	mg/Kg	3820	1000	7/11/2011 18:00	TDJ	7/13/2011 11:56	MBC	
				00					
Aroclor 1254	84600	mg/Kg	3820	1000	7/11/2011 18:00	TDJ	7/13/2011 11:56	MBC	
				00					
Aroclor 1260	<3820	mg/Kg	3820	1000	7/11/2011 18:00	TDJ	7/13/2011 11:56	MBC	
				00					

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290009
Sample ID: 551-DR-01

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 02:03	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 02:03	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 02:03	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 02:03	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 02:03	MBC	
Aroclor 1254	2.57	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 02:03	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 02:03	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290010 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-02 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc:	Preparation Method:						
SW-846 8082	SW-846 3550B (PCB)						
	Analytical Method: SW-846 8082						
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 03:40	MBC
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 03:40	MBC
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 03:40	MBC
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 03:40	MBC
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 03:40	MBC
Aroclor 1254	<0.500 mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 03:40	MBC
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 03:40	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290011
Sample ID: 551-DR-03

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 04:12	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 04:12	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 04:12	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 04:12	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 04:12	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 04:12	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/11/2011 18:00	TDJ	7/12/2011 04:12	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290012 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-04 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
	Analytical Method: SW-846 8082

Aroclor 1016	<0.500 mg/Kg	0.500	1 7/11/2011 18:01	TDJ	7/12/2011 04:45	MBC
Aroclor 1221	<0.500 mg/Kg	0.500	1 7/11/2011 18:01	TDJ	7/12/2011 04:45	MBC
Aroclor 1232	<0.500 mg/Kg	0.500	1 7/11/2011 18:01	TDJ	7/12/2011 04:45	MBC
Aroclor 1242	<0.500 mg/Kg	0.500	1 7/11/2011 18:01	TDJ	7/12/2011 04:45	MBC
Aroclor 1248	<0.500 mg/Kg	0.500	1 7/11/2011 18:01	TDJ	7/12/2011 04:45	MBC
Aroclor 1254	<0.500 mg/Kg	0.500	1 7/11/2011 18:01	TDJ	7/12/2011 04:45	MBC
Aroclor 1260	<0.500 mg/Kg	0.500	1 7/11/2011 18:01	TDJ	7/12/2011 04:45	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290013 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-05 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/11/2011 18:01	TDJ	7/12/2011 05:17	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/11/2011 18:01	TDJ	7/12/2011 05:17	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/11/2011 18:01	TDJ	7/12/2011 05:17	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/11/2011 18:01	TDJ	7/12/2011 05:17	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/11/2011 18:01	TDJ	7/12/2011 05:17	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	7/11/2011 18:01	TDJ	7/12/2011 05:17	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/11/2011 18:01	TDJ	7/12/2011 05:17	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290014 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-06 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
Analytical Method: SW-846 8082	

Aroclor 1016	<5860 mg/Kg	5860	1000 7/11/2011 18:01 00	TDJ	7/13/2011 12:14	MBC
Aroclor 1221	<5860 mg/Kg	5860	1000 7/11/2011 18:01 00	TDJ	7/13/2011 12:14	MBC
Aroclor 1232	<5860 mg/Kg	5860	1000 7/11/2011 18:01 00	TDJ	7/13/2011 12:14	MBC
Aroclor 1242	<5860 mg/Kg	5860	1000 7/11/2011 18:01 00	TDJ	7/13/2011 12:14	MBC
Aroclor 1248	<5860 mg/Kg	5860	1000 7/11/2011 18:01 00	TDJ	7/13/2011 12:14	MBC
Aroclor 1254	81000 mg/Kg	5860	1000 7/11/2011 18:01 00	TDJ	7/13/2011 12:14	MBC
Aroclor 1260	<5860 mg/Kg	5860	1000 7/11/2011 18:01 00	TDJ	7/13/2011 12:14	MBC

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Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290015 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-09A Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.553	mg/Kg	0.553	5	7/11/2011 18:01	TDJ	7/12/2011 19:23	MBC
Aroclor 1221	<0.553	mg/Kg	0.553	5	7/11/2011 18:01	TDJ	7/12/2011 19:23	MBC
Aroclor 1232	<0.553	mg/Kg	0.553	5	7/11/2011 18:01	TDJ	7/12/2011 19:23	MBC
Aroclor 1242	<0.553	mg/Kg	0.553	5	7/11/2011 18:01	TDJ	7/12/2011 19:23	MBC
Aroclor 1248	<0.553	mg/Kg	0.553	5	7/11/2011 18:01	TDJ	7/12/2011 19:23	MBC
Aroclor 1254	6.77	mg/Kg	0.553	5	7/11/2011 18:01	TDJ	7/12/2011 19:23	MBC
Aroclor 1260	<0.553	mg/Kg	0.553	5	7/11/2011 18:01	TDJ	7/12/2011 19:23	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290016

Date Received: 7/7/2011 12:00

Matrix: Bulk

Sample ID: 551-DR-10

Date Collected: 7/6/2011 00:00

Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082

Preparation Method: SW-846 3550B (PCB)

Analytical Method: SW-846 8082

Aroclor 1016	<0.500 mg/Kg		0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:27	MBC
Aroclor 1221	<0.500 mg/Kg		0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:27	MBC
Aroclor 1232	<0.500 mg/Kg		0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:27	MBC
Aroclor 1242	<0.500 mg/Kg		0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:27	MBC
Aroclor 1248	<0.500 mg/Kg		0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:27	MBC
Aroclor 1254	1.47 mg/Kg		0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:27	MBC
Aroclor 1260	<0.500 mg/Kg		0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:27	MBC

Report ID: 1007290 - 836206

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290017
Sample ID: 551-DR-11

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:59	MBC
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:59	MBC
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:59	MBC
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:59	MBC
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:59	MBC
Aroclor 1254	<0.500	mg/Kg	0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:59	MBC
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/11/2011 18:02	TDJ	7/12/2011 07:59	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290018 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-12 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082 Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082									
Aroclor 1016	<3150	mg/Kg	3150	5000	7/11/2011 18:03	TDJ	7/13/2011 12:32	MBC	0
Aroclor 1221	<3150	mg/Kg	3150	5000	7/11/2011 18:03	TDJ	7/13/2011 12:32	MBC	0
Aroclor 1232	<3150	mg/Kg	3150	5000	7/11/2011 18:03	TDJ	7/13/2011 12:32	MBC	0
Aroclor 1242	<3150	mg/Kg	3150	5000	7/11/2011 18:03	TDJ	7/13/2011 12:32	MBC	0
Aroclor 1248	<3150	mg/Kg	3150	5000	7/11/2011 18:03	TDJ	7/13/2011 12:32	MBC	0
Aroclor 1254	63600	mg/Kg	3150	5000	7/11/2011 18:03	TDJ	7/13/2011 12:32	MBC	0
Aroclor 1260	<3150	mg/Kg	3150	5000	7/11/2011 18:03	TDJ	7/13/2011 12:32	MBC	0

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290019 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-13 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<1.77 mg/Kg	1.77	20	7/11/2011 18:04	TDJ	7/13/2011 12:50	MBC	
Aroclor 1221	<1.77 mg/Kg	1.77	20	7/11/2011 18:04	TDJ	7/13/2011 12:50	MBC	
Aroclor 1232	<1.77 mg/Kg	1.77	20	7/11/2011 18:04	TDJ	7/13/2011 12:50	MBC	
Aroclor 1242	<1.77 mg/Kg	1.77	20	7/11/2011 18:04	TDJ	7/13/2011 12:50	MBC	
Aroclor 1248	<1.77 mg/Kg	1.77	20	7/11/2011 18:04	TDJ	7/13/2011 12:50	MBC	
Aroclor 1254	27.7 mg/Kg	1.77	20	7/11/2011 18:04	TDJ	7/13/2011 12:50	MBC	
Aroclor 1260	<1.77 mg/Kg	1.77	20	7/11/2011 18:04	TDJ	7/13/2011 12:50	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290020

Date Received: 7/7/2011 12:00

Matrix: Bulk

Sample ID: 551-DR-14

Date Collected: 7/6/2011 00:00

Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082

Preparation Method: SW-846 3550B (PCB)

Analytical Method: SW-846 8082

Aroclor 1016	<2880	mg/Kg	2880	5000	7/13/2011 08:50	JRM	7/14/2011 11:12	MBC	0
Aroclor 1221	<2880	mg/Kg	2880	5000	7/13/2011 08:50	JRM	7/14/2011 11:12	MBC	0
Aroclor 1232	<2880	mg/Kg	2880	5000	7/13/2011 08:50	JRM	7/14/2011 11:12	MBC	0
Aroclor 1242	<2880	mg/Kg	2880	5000	7/13/2011 08:50	JRM	7/14/2011 11:12	MBC	0
Aroclor 1248	<2880	mg/Kg	2880	5000	7/13/2011 08:50	JRM	7/14/2011 11:12	MBC	0
Aroclor 1254	29200	mg/Kg	2880	5000	7/13/2011 08:50	JRM	7/14/2011 11:12	MBC	0
Aroclor 1260	<2880	mg/Kg	2880	5000	7/13/2011 08:50	JRM	7/14/2011 11:12	MBC	0

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290021
Sample ID: 651-DR-15

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:26	MBC	
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:26	MBC	
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:26	MBC	
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:26	MBC	
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:26	MBC	
Aroclor 1254	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:26	MBC	
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:26	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290022 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-16C Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:49	MBC		
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:49	MBC		
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:49	MBC		
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:49	MBC		
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:49	MBC		
Aroclor 1254	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:49	MBC		
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 15:49	MBC		

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290023

Date Received: 7/7/2011 12:00

Matrix: Bulk

Sample ID: 551-DR-17

Date Collected: 7/6/2011 00:00

Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 16:54	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 16:54	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 16:54	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 16:54	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 16:54	MBC	
Aroclor 1254	0.920	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 16:54	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 16:54	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290024
Sample ID: 551-DR-18

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 17:26	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 17:26	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 17:26	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 17:26	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 17:26	MBC	
Aroclor 1254	0.615	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 17:26	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 17:26	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290025
Sample ID: 551-DR-19

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 17:59	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 17:59	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 17:59	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 17:59	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 17:59	MBC	
Aroclor 1254	0.615	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 17:59	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 17:59	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290026
Sample ID: 551-DR-25

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<601	mg/Kg	601	1000	7/13/2011 08:50	JRM	7/14/2011 11:32	MBC	
				0					
Aroclor 1221	<601	mg/Kg	601	1000	7/13/2011 08:50	JRM	7/14/2011 11:32	MBC	
				0					
Aroclor 1232	<601	mg/Kg	601	1000	7/13/2011 08:50	JRM	7/14/2011 11:32	MBC	
				0					
Aroclor 1242	<601	mg/Kg	601	1000	7/13/2011 08:50	JRM	7/14/2011 11:32	MBC	
				0					
Aroclor 1248	<601	mg/Kg	601	1000	7/13/2011 08:50	JRM	7/14/2011 11:32	MBC	
				0					
Aroclor 1254	20700	mg/Kg	601	1000	7/13/2011 08:50	JRM	7/14/2011 11:32	MBC	
				0					
Aroclor 1260	<601	mg/Kg	601	1000	7/13/2011 08:50	JRM	7/14/2011 11:32	MBC	
				0					

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290027 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-27 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 19:36	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 19:36	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 19:36	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 19:36	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 19:36	MBC	
Aroclor 1254	0.680	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 19:36	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 19:36	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290028 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 661-DR-28 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<3250	mg/Kg	3250	5000	7/13/2011 08:50	JRM	7/14/2011 11:52	MBC	
				0					
Aroclor 1221	<3250	mg/Kg	3250	5000	7/13/2011 08:50	JRM	7/14/2011 11:52	MBC	
				0					
Aroclor 1232	<3250	mg/Kg	3250	5000	7/13/2011 08:50	JRM	7/14/2011 11:52	MBC	
				0					
Aroclor 1242	<3250	mg/Kg	3250	5000	7/13/2011 08:50	JRM	7/14/2011 11:52	MBC	
				0					
Aroclor 1248	<3250	mg/Kg	3250	5000	7/13/2011 08:50	JRM	7/14/2011 11:52	MBC	
				0					
Aroclor 1254	57300	mg/Kg	3250	5000	7/13/2011 08:50	JRM	7/14/2011 11:52	MBC	
				0					
Aroclor 1260	<3250	mg/Kg	3250	5000	7/13/2011 08:50	JRM	7/14/2011 11:52	MBC	
				0					

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290029 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-29 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 21:13	MBC	
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 21:13	MBC	
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 21:13	MBC	
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 21:13	MBC	
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 21:13	MBC	
Aroclor 1254	0.710 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 21:13	MBC	
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 21:13	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290030
Sample ID: 551-DR-41

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	2	7/13/2011 08:50	JRM 7/14/2011 12:12	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	2	7/13/2011 08:50	JRM 7/14/2011 12:12	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	2	7/13/2011 08:50	JRM 7/14/2011 12:12	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	2	7/13/2011 08:50	JRM 7/14/2011 12:12	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	2	7/13/2011 08:50	JRM 7/14/2011 12:12	MBC	
Aroclor 1254	1.54	mg/Kg	0.500	2	7/13/2011 08:50	JRM 7/14/2011 12:12	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	2	7/13/2011 08:50	JRM 7/14/2011 12:12	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290031
Sample ID: 551-DR-42

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 22:18	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 22:18	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 22:18	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 22:18	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 22:18	MBC	
Aroclor 1254	1.16	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 22:18	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/13/2011 22:18	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290032
Sample ID: 551-DR-44

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 23:55	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 23:55	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 23:55	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 23:55	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 23:55	MBC	
Aroclor 1254	1.47	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 23:55	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/13/2011 23:55	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290033 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-45 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/14/2011 00:27	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/14/2011 00:27	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/14/2011 00:27	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/14/2011 00:27	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/14/2011 00:27	MBC	
Aroclor 1254	1.23	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/14/2011 00:27	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM 7/14/2011 00:27	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290034
Sample ID: 551-DR-46

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc:	Preparation Method:						
SW-846 8082	SW-846 3550B (PCB)						
Analytical Method: SW-846 8082							
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 00:59	MBC
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 00:59	MBC
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 00:59	MBC
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 00:59	MBC
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 00:59	MBC
Aroclor 1254	1.36 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 00:59	MBC
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 00:59	MBC

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290035 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 561-DR-66 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)								
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)					
			Analytical Method: SW-846 8082					
Aroclor 1016	<0.500	mg/Kg	0.500	1 7/13/2011 08:50	JRM	7/14/2011 02:04	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1 7/13/2011 08:50	JRM	7/14/2011 02:04	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1 7/13/2011 08:50	JRM	7/14/2011 02:04	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1 7/13/2011 08:50	JRM	7/14/2011 02:04	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1 7/13/2011 08:50	JRM	7/14/2011 02:04	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1 7/13/2011 08:50	JRM	7/14/2011 02:04	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1 7/13/2011 08:50	JRM	7/14/2011 02:04	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290036 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-66A Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B(PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 02:36	MBC	
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 02:36	MBC	
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 02:36	MBC	
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 02:36	MBC	
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 02:36	MBC	
Aroclor 1254	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 02:36	MBC	
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 02:36	MBC	

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Analytics Corporation
10329 Stony Run Lane
Ashland, VA 23005
Phone: (804)365-3000
Fax: (804)365-3002

ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290037 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-66B Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 03:09	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 03:09	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 03:09	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 03:09	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 03:09	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 03:09	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 03:09	MBC	

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290038
Sample ID: 551-DR-67

Date Received: 7/7/2011 12:00 Matrix: Bulk
Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
Analytical Method: SW-846 8082	

Aroclor 1016	<583 mg/Kg	583	1000	7/13/2011 08:50	JRM	7/14/2011 12:39	MBC
			0				
Aroclor 1221	<583 mg/Kg	583	1000	7/13/2011 08:50	JRM	7/14/2011 12:39	MBC
			0				
Aroclor 1232	<583 mg/Kg	583	1000	7/13/2011 08:50	JRM	7/14/2011 12:39	MBC
			0				
Aroclor 1242	<583 mg/Kg	583	1000	7/13/2011 08:50	JRM	7/14/2011 12:39	MBC
			0				
Aroclor 1248	<583 mg/Kg	583	1000	7/13/2011 08:50	JRM	7/14/2011 12:39	MBC
			0				
Aroclor 1254	13800 mg/Kg	583	1000	7/13/2011 08:50	JRM	7/14/2011 12:39	MBC
			0				
Aroclor 1260	<583 mg/Kg	583	1000	7/13/2011 08:50	JRM	7/14/2011 12:39	MBC
			0				

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ANALYTICAL RESULTS

Workorder: 1007290 GAITHERSBURG HS

Lab ID: 1007290039 Date Received: 7/7/2011 12:00 Matrix: Bulk
Sample ID: 551-DR-68 Date Collected: 7/6/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 04:13	MBC		
Aroclor 1221	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 04:13	MBC		
Aroclor 1232	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 04:13	MBC		
Aroclor 1242	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 04:13	MBC		
Aroclor 1248	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 04:13	MBC		
Aroclor 1254	2.71 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 04:13	MBC		
Aroclor 1260	<0.500 mg/Kg	0.500	1	7/13/2011 08:50	JRM	7/14/2011 04:13	MBC		

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 1007290 GAITHERSBURG HS

PARAMETER QUALIFIERS

- [1] Surrogate recovery for sample 1007290-005 was below QC limits due to sample matrix interference. Insufficient sample volume available for re-extraction and analysis.

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LABORATORY TEST REQUEST

ACCOUNT NUMBER, NAME AND ADDRESS

S A I C
 M/S E-7-4
 8301 GREENSBORO DRIVE
 MCLEAN, VA 22102
 Phone: 703-676-8720
 Fax: 1-703-375-2502
 PROJ#: AML00024



10329 Stony Run Lane
 Ashland, VA 23005
 (804) 365-3000
 TOLL FREE (800) 888-8061
 FAX (804) 365-3002

DATE SHIPPED 7/6/2011	# OF SAMPLES 39 total	SAMPLE TYPE/MEDIA caulk	PROJECT NAME OR NUMBER Gaithersburg HS
PURCHASE ORDER NO. 20015.00.00.00.002		CONTACT John Whelpley	TELEPHONE NUMBER (703) 676-8944
TURN AROUND TIME <input type="checkbox"/> SAMEDAY <input type="checkbox"/> 1 DAY <input type="checkbox"/> CALL FOR AVAILABILITY		SPECIAL INSTRUCTIONS AND/OR UNUSUAL CONDITIONS: <input checked="" type="checkbox"/> 2 DAY <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> EXTRA CHARGE	<input type="checkbox"/> FAX RESULTS FAX NUMBER: <input checked="" type="checkbox"/> EMAIL RESULTS - EMAIL: whelpley.j@saic.com

FOR LABORATORY USE ONLY	SAMPLE # OR SAMPLE AREA	SAMPLE DATE	SAMPLE VOLUME/LITERS	ANALYSIS REQUESTED-PLEASE USE SEPARATE LABORATORY TEST REQUEST FOR EACH SAMPLE TYPE
	SS1-EJ-01	7/6/2011	caulk	PCBs
	SS1-EJ-02	↓	↓	↓
	SS1-EJ-03			
	SS1-EJ-04			
	SS1-EJ-05			
	SS1-EJ-06			
	SS1-EJ-07			
	SS1-EJ-08			

CHAIN OF CUSTODY RECORD

SAMPLES HAVE BEEN SEALED FOR TRANSPORT AND DELIVERED TO LABORATORY VIA:

Fed Ex
 CARRIER

IF "ANALYTICS COURIER" SIGN HERE

J. Altier
 SIGN HERE TO INITIATE CHAIN OF CUSTODY
 7/6/2011
 DATE

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY: SIGNATURE(SAMPLE RECEIVING)	SAMPLES RELEASED BY: SIGNATURE(SAMPLE RECEIVING)
7-7-11 1200K 26°C		<i>J. Altier</i>	
		SIGNATURE(SAMPLE ADMINISTRATION) JAMES ALTIER	SIGNATURE(SAMPLE ADMINISTRATION)
		SIGNATURE(LAB)	SIGNATURE(LAB)
		SIGNATURE(LAB)	SIGNATURE(LAB)

PLEASE RETAIN PART 3 FOR YOUR RECORDS

LABORATORY TEST REQUEST

ACCOUNT NUMBER, NAME AND ADDRESS

S A I C
 M/S E-7-4
 8301 GREENSBORO DRIVE
 MCLEAN, VA 22102
 Phone: 703-576-8720
 Fax: 1-703-375-2502
 PROJ#: AML00024



10329 Stony Run Lane
 Ashland, VA 23005
 (804) 365-3000
 TOLL FREE (800) 888-8061
 FAX (804) 365-3002

DATE SHIPPED 7/6/2011	# OF SAMPLES 39 total	SAMPLE TYPE/MEDIA Caulk	PROJECT NAME OR NUMBER Gaithersburg HS
PURCHASE ORDER NO. 200115.00.00.00.002		CONTACT John Whelpley	TELEPHONE NUMBER (703) 676-8944
TURN AROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 1 DAY <input type="checkbox"/> CALL FOR AVAILABILITY		SPECIAL INSTRUCTIONS AND/OR UNUSUAL CONDITIONS:	<input type="checkbox"/> FAX RESULTS FAX NUMBER: <input checked="" type="checkbox"/> EMAIL RESULTS - EMAIL: whelpley.j@saiic.com

FOR LABORATORY USE ONLY	SAMPLE # OR SAMPLE AREA	SAMPLE DATE	SAMPLE VOLUME/LITERS	ANALYSIS REQUESTED-PLEASE USE SEPARATE LABORATORY TEST REQUEST FOR EACH SAMPLE TYPE
	551-DR-01	7/6/2011	Caulk	PCBs
	551-DR-02			
	551-DR-03			
	551-DR-04			
	551-DR-05			
	551-DR-06			
	551-DR-07A			
	551-DR-10			
	551-DR-11			
	551-DR-12			
	551-DR-13			
	551-DR-14			
	551-DR-15			
	551-DR-16c			
	551-DR-17			
	551-DR-18			

CHAIN OF CUSTODY RECORD

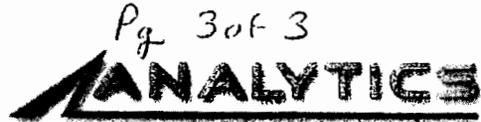
SAMPLES HAVE BEEN SEALED FOR TRANSPORT AND DELIVERED TO LABORATORY VIA: Fed Ex		SIGN HERE TO INITIATE CHAIN OF CUSTODY DATE 7/6/2011	
CARRIER		IF "ANALYTICS COURIER" SIGN HERE	
DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
7-7-11	1200 OK 26°C	SIGNATURE(SAMPLE RECEIVING) 	SIGNATURE(SAMPLE RECEIVING)
		SIGNATURE(SAMPLE ADMINISTRATION) JAMES ALTIER	SIGNATURE(SAMPLE ADMINISTRATION)
		SIGNATURE(LAB)	SIGNATURE(LAB)
		SIGNATURE(LAB)	SIGNATURE(LAB)

PLEASE RETAIN PART 3 FOR YOUR RECORDS

LABORATORY TEST REQUEST

ACCOUNT NUMBER, NAME AND ADDRESS

S A I C
 M/S E-7-4
 8301 GREENSBORO DRIVE
 MCLEAN, VA 22102
 Phone: 703-676-8720
 Fax: 1-703-375-2502
 PROJ#: AML00024



10329 Stony Run Lane
 Ashland, VA 23005
 (804) 365-3000
 TOLL FREE (800) 888-8061
 FAX (804) 365-3002

DATE SHIPPED 7/6/2011	# OF SAMPLES 39 total	SAMPLE TYPE/MEDIA Caulk	PROJECT NAME OR NUMBER Gaithersburg HS
PURCHASE ORDER NO. 200115.00.00.00.002		CONTACT John Whelpley	TELEPHONE NUMBER (703) 676-8944
TURN AROUND TIME <input type="checkbox"/> SAMEDAY <input type="checkbox"/> 1 DAY <input type="checkbox"/> CALL FOR AVAILABILITY		SPECIAL INSTRUCTIONS AND/OR UNUSUAL CONDITIONS:	<input type="checkbox"/> FAX RESULTS FAX NUMBER: <input checked="" type="checkbox"/> EMAIL RESULTS - EMAIL: whelpley.j@saic.com

FOR LABORATORY USE ONLY	SAMPLE # OR SAMPLE AREA	SAMPLE DATE	SAMPLE VOLUME/LITERS	ANALYSIS REQUESTED-PLEASE USE SEPARATE LABORATORY TEST REQUEST FOR EACH SAMPLE TYPE
	551-DR-19	7/6/2011	caulk	PCBs
	551-DR-25	↓	↓	↓
	551-DR-27			
	551-DR-28			
	551-DR-29			
	551-DR-41			
	551-DR-42			
	551-DR-44			
	551-DR-45			
	551-DR-46			
	551-DR-66			
	551-DR-66A			
	551-DR-66B			
	551-DR-67			
	551-DR-68			

CHAIN OF CUSTODY RECORD

SAMPLES HAVE BEEN SEALED FOR TRANSPORT AND DELIVERED TO LABORATORY VIA:

Fed Ex

CARRIER

IF *ANALYTICS COURIER* SIGN HERE

John Whelpley
 SIGN HERE TO INITIATE CHAIN OF CUSTODY

7/6/2011

DATE

DATE/TIME	CONDITION OF SAMPLE	SAMPLE RECEIVED BY: SIGNATURE(SAMPLE RECEIVING)	SAMPLES RELEASED BY: SIGNATURE(SAMPLE RECEIVING)
7-7-11	1200 OR 2800	<i>[Signature]</i>	
		SIGNATURE(SAMPLE ADMINISTRATION)	SIGNATURE(SAMPLE ADMINISTRATION)
		SIGNATURE(LAB)	SIGNATURE(LAB)
		SIGNATURE(LAB)	SIGNATURE(LAB)

JAMES ALTIERI



Sample Container Receipt Form

Version 6-24-2011

Work Order: 1007290

Customer Name: SAIC

45209005 AML000

CLIENT SAMPLE ID	LAB CONTAINER ID	TYPE OF CONTAINER	QTY	Temp(C)	pH	Chlorine on Arrival (ppm)	Condition Code	Preservative
551-EJ-01	1007290001-A	Client	1	26			OK	NONE
551-EJ-02	1007290002-A	Client	1	26			OK	NONE
551-EJ-03	1007290003-A	Client	1	26			OK	NONE
551-EJ-04	1007290004-A	Client	1	26			OK	NONE
551-EJ-05	1007290005-A	Client	1	26			OK	NONE
551-EJ-06	1007290006-A	Client	1	26			OK	NONE
551-EJ-07	1007290007-A	Client	1	26			OK	NONE
551-EJ-08	1007290008-A	Client	1	26			OK	NONE
551-DR-01	1007290009-A	Client	1	26			OK	NONE
551-DR-02	1007290010-A	Client	1	26			OK	NONE
551-DR-03	1007290011-A	Client	1	26			OK	NONE
551-DR-04	1007290012-A	Client	1	26			OK	NONE
551-DR-05	1007290013-A	Client	1	26			OK	NONE
551-DR-06	1007290014-A	Client	1	26			OK	NONE
551-DR-09A	1007290015-A	Client	1	26			OK	NONE
551-DR-10	1007290016-A	Client	1	26			OK	NONE
551-DR-11	1007290017-A	Client	1	26			OK	NONE
551-DR-12	1007290018-A	Client	1	26			OK	NONE
551-DR-13	1007290019-A	Client	1	26			OK	NONE
551-DR-14	1007290020-A	Client	1	26			OK	NONE
551-DR-15	1007290021-A	Client	1	26			OK	NONE
551-DR-16C	1007290022-A	Client	1	26			OK	NONE
551-DR-17	1007290023-A	Client	1	26			OK	NONE
551-DR-18	1007290024-A	Client	1	26			OK	NONE
551-DR-19	1007290025-A	Client	1	26			OK	NONE
551-DR-25	1007290026-A	Client	1	26			OK	NONE
551-DR-27	1007290027-A	Client	1	26			OK	NONE
551-DR-28	1007290028-A	Client	1	26			OK	NONE
551-DR-29	1007290029-A	Client	1	26			OK	NONE
551-DR-41	1007290030-A	Client	1	26			OK	NONE
551-DR-42	1007290031-A	Client	1	26			OK	NONE
551-DR-44	1007290032-A	Client	1	26			OK	NONE
551-DR-45	1007290033-A	Client	1	26			OK	NONE



Sample Container Receipt Form

Version 6-24-2011

Work Order: 1007290

Customer Name: SAIC

45209005 AML000

CLIENT SAMPLE ID	LAB CONTAINER ID	TYPE OF CONTAINER	QTY	Temp(C)	pH	Chlorine on Arrival (ppm)	Condition Code	Preservative
551-DR-46	1007290034-A	Client	1	26			OK	NONE
551-DR-66	1007290035-A	Client	1	26			OK	NONE
551-DR-66A	1007290036-A	Client	1	26			OK	NONE
551-DR-66B	1007290037-A	Client	1	26			OK	NONE
551-DR-67	1007290038-A	Client	1	26			OK	NONE
551-DR-68	1007290039-A	Client	1	26			OK	NONE

Notes

Sample Custodian Signature

[Handwritten Signature]

Date:

7-7-11

ONLINE DOCUMENTS\Forms Worksheets\Sample Receiving\Sample Container Receipt For

JAMES ALTIERI



Analytics Corporation
10329 Stony Run Lane
Ashland, VA 23005
Phone: (804)365-3000
Fax: (804)365-3002

October 13, 2011

JOHN WHELPLEY
SAIC
12100 SUNSET HILLS ROAD
RESTON, VA 20190

Purchase Order: P010088390
Client ID: 200115.00.00.00.002
Workorder: 1008506

Dear JOHN WHELPLEY:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, October 06, 2011. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Unless otherwise specified all analyses of solid materials are based on dry weight.

The signature at the end of this report certify that the results are based on the referenced methods and unless otherwise noted meet the requirements of NELAC.

Reported results relate only to the items tested, as received by the laboratory

On-site analysis (analysis ASAP) is recommended for the following tests: pH, temperature, dissolved oxygen, residual chlorine and sulfite. When performed off-site, these tests do not meet NELAC standards.

Abbreviations: ug/L = micrograms per Liter, mg/L = milligrams per Liter, ug/g = micrograms per gram, mg/kg = milligrams per kilogram, ug/wp = micrograms per wipe, ug/ml = micrograms per millimeter, uS = microsiemens per centimeter at 25 degrees Celcius, ppb = parts per billion, DF = Dilution Factor

If you have any questions concerning this report, please feel free to call Client Services at 1-800-888-8061.

Sincerely,

Dawn Casto
Technical Director (or designee)

Enclosures

Report ID: 1008506 - 865551

Page 1 of 16

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Fax: (804)365-3002

SAMPLE SUMMARY

Workorder: 1008506 200115.00.00.00.002

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1008506001	551-FOW-01	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506002	551-FOW-02	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506003	551-FOW-03	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506004	551-FOW-04	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506005	551-FOW-05	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506006	551-FOW-06	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506007	551-FOW-07	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506008	551-FOW-08	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506009	551-FOW-09	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506010	551-FOW-10	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506011	551-FOW-11	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506012	551-FOW-12	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506013	551-FOW-13	Bulk	10/4/2011 00:00	10/6/2011 09:20
1008506014	551-WG-01	Bulk	10/4/2011 00:00	10/6/2011 09:20

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506001 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-01 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: SW-846 8082 Preparation Method: SW-846 3550B (PCB)									
Analytical Method: SW-846 8082									
Aroclor 1016	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:05	MBC	0
Aroclor 1221	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:05	MBC	0
Aroclor 1232	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:05	MBC	0
Aroclor 1242	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:05	MBC	0
Aroclor 1248	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:05	MBC	0
Aroclor 1254	84200	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:05	MBC	0
Aroclor 1260	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:05	MBC	0

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506002 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-02 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc:	Preparation Method:						
SW-846 8082	SW-846 3550B (PCB)						
	Analytical Method: SW-846 8082						
Aroclor 1016	<0.500 mg/Kg	0.500	1	10/10/2011 17:46	JRM	10/12/2011 15:13	MBC
Aroclor 1221	<0.500 mg/Kg	0.500	1	10/10/2011 17:46	JRM	10/12/2011 15:13	MBC
Aroclor 1232	<0.500 mg/Kg	0.500	1	10/10/2011 17:46	JRM	10/12/2011 15:13	MBC
Aroclor 1242	<0.500 mg/Kg	0.500	1	10/10/2011 17:46	JRM	10/12/2011 15:13	MBC
Aroclor 1248	<0.500 mg/Kg	0.500	1	10/10/2011 17:46	JRM	10/12/2011 15:13	MBC
Aroclor 1254	2.44 mg/Kg	0.500	1	10/10/2011 17:46	JRM	10/12/2011 15:13	MBC
Aroclor 1260	<0.500 mg/Kg	0.500	1	10/10/2011 17:46	JRM	10/12/2011 15:13	MBC

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Fax: (804)365-3002

ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506003 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 651-FOW-03 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
------------	---------	-------	--------------	----	----------	----	----------	----	------

Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
Analytical Method: SW-846 8082	

Aroclor 1016	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:27	MBC	0
Aroclor 1221	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:27	MBC	0
Aroclor 1232	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:27	MBC	0
Aroclor 1242	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:27	MBC	0
Aroclor 1248	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:27	MBC	0
Aroclor 1254	81200 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:27	MBC	0
Aroclor 1260	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:27	MBC	0

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506004 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-04 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
	Analytical Method: SW-846 8082

Aroclor 1016	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:49	MBC	0
Aroclor 1221	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:49	MBC	0
Aroclor 1232	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:49	MBC	0
Aroclor 1242	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:49	MBC	0
Aroclor 1248	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:49	MBC	0
Aroclor 1254	65500 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:49	MBC	0
Aroclor 1260	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 16:49	MBC	0

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506005 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-05 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
Analytical Method: SW-846 8082	

Aroclor 1016	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:11	MBC
			0				
Aroclor 1221	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:11	MBC
			0				
Aroclor 1232	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:11	MBC
			0				
Aroclor 1242	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:11	MBC
			0				
Aroclor 1248	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:11	MBC
			0				
Aroclor 1254	89700 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:11	MBC
			0				
Aroclor 1260	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:11	MBC
			0				

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506006 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-06 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
Analytical Method: SW-846 8082	

Aroclor 1016	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:33	MBC
			0				
Aroclor 1221	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:33	MBC
			0				
Aroclor 1232	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:33	MBC
			0				
Aroclor 1242	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:33	MBC
			0				
Aroclor 1248	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:33	MBC
			0				
Aroclor 1254	170000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:33	MBC
			0				
Aroclor 1260	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:33	MBC
			0				

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506007 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-07 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB)
Analytical Method: SW-846 8082	

Aroclor 1016	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:55	MBC
			0				
Aroclor 1221	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:55	MBC
			0				
Aroclor 1232	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:55	MBC
			0				
Aroclor 1242	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:55	MBC
			0				
Aroclor 1248	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:55	MBC
			0				
Aroclor 1254	88800 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:55	MBC
			0				
Aroclor 1260	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 17:55	MBC
			0				

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506008 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-08 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:16	MBC	0
Aroclor 1221	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:16	MBC	0
Aroclor 1232	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:16	MBC	0
Aroclor 1242	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:16	MBC	0
Aroclor 1248	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:16	MBC	0
Aroclor 1254	97600	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:16	MBC	0
Aroclor 1260	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:16	MBC	0

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506009 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-09 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)								
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)					
			Analytical Method: SW-846 8082					
Aroclor 1016	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:41	MBC	
			0					
Aroclor 1221	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:41	MBC	
			0					
Aroclor 1232	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:41	MBC	
			0					
Aroclor 1242	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:41	MBC	
			0					
Aroclor 1248	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:41	MBC	
			0					
Aroclor 1254	82400 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:41	MBC	*
			0					
Aroclor 1260	<25000 mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 18:41	MBC	
			0					

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506010 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-10 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:06	MBC	0
Aroclor 1221	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:06	MBC	0
Aroclor 1232	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:06	MBC	0
Aroclor 1242	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:06	MBC	0
Aroclor 1248	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:06	MBC	0
Aroclor 1254	135000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:06	MBC	0
Aroclor 1260	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:06	MBC	0

Report ID: 1008506 - 865551

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506011 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-11 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:31	MBC	0
Aroclor 1221	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:31	MBC	0
Aroclor 1232	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:31	MBC	0
Aroclor 1242	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:31	MBC	0
Aroclor 1248	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:31	MBC	0
Aroclor 1254	68000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:31	MBC	0
Aroclor 1260	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:31	MBC	0

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506012 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-12 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:56	MBC	
				0					
Aroclor 1221	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:56	MBC	
				0					
Aroclor 1232	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:56	MBC	
				0					
Aroclor 1242	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:56	MBC	
				0					
Aroclor 1248	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:56	MBC	
				0					
Aroclor 1254	126000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:56	MBC	
				0					
Aroclor 1260	<25000	mg/Kg	25000	5000	10/10/2011 17:46	JRM	10/12/2011 19:56	MBC	
				0					

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506013 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-FOW-13 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)						
		Analytical Method: SW-846 8082						
Aroclor 1016	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 20:21	MBC	
Aroclor 1221	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 20:21	MBC	
Aroclor 1232	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 20:21	MBC	
Aroclor 1242	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 20:21	MBC	
Aroclor 1248	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 20:21	MBC	
Aroclor 1254	25.0 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 20:21	MBC	
Aroclor 1260	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 20:21	MBC	

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ANALYTICAL RESULTS

Workorder: 1008506 200115.00.00.00.002

Lab ID: 1008506014 Date Received: 10/6/2011 09:20 Matrix: Bulk
Sample ID: 551-WG-01 Date Collected: 10/4/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Polychlorinated Biphenyls(PCB)

Analysis Desc:	Preparation Method:						
SW-846 8082	SW-846 3550B (PCB)						
	Analytical Method: SW-846 8082						
Aroclor 1016	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 15:42	MBC
Aroclor 1221	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 15:42	MBC
Aroclor 1232	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 15:42	MBC
Aroclor 1242	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 15:42	MBC
Aroclor 1248	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 15:42	MBC
Aroclor 1254	24.1 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 15:42	MBC
Aroclor 1260	<5.00 mg/Kg	5.00	10	10/10/2011 17:46	JRM	10/12/2011 15:42	MBC

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October 27, 2011

JOHN WHELPLEY
SAIC
12100 SUNSET HILLS ROAD
RESTON, VA 20190

Purchase Order: PO10088390
Client ID: GAITHERSBURG HS 20115.00.00.00
Workorder: 1008803

Dear JOHN WHELPLEY:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, October 25, 2011. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Unless otherwise specified all analyses of solid materials are based on dry weight.

The signature at the end of this report certify that the results are based on the referenced methods and unless otherwise noted meet the requirements of NELAC.

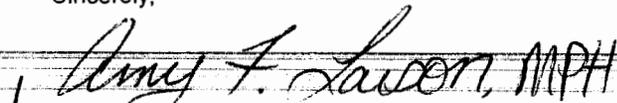
Reported results relate only to the items tested, as received by the laboratory

On-site analysis (analysis ASAP) is recommended for the following tests: pH, temperature, dissolved oxygen, residual chlorine and sulfite. When performed off-site, these tests do not meet NELAC standards.

Abbreviations: ug/L = micrograms per Liter, mg/L = milligrams per Liter, ug/g = micrograms per gram, mg/kg = milligrams per kilogram, ug/wp = micrograms per wipe, ug/ml = micrograms per millimeter, uS = microsiemens per centimeter at 25 degrees Celcius, ppb = parts per billion, DF = Dilution Factor

If you have any questions concerning this report, please feel free to call Client Services at 1-800-888-8061.

Sincerely,


Dawn Castle
Technical Director (or designee)

Enclosures

Report ID: 1008803 - 870043

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SAMPLE SUMMARY

Workorder: 1008803 GAITHERSBURG HS 20115.00.00.00

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1008803001	SS1-SOIL-08	Soil/Solids/Sediment	10/24/2011 00:00	10/25/2011 11:30
1008803002	SS1-SOIL-02	Soil/Solids/Sediment	10/24/2011 00:00	10/25/2011 11:30

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ANALYTICAL RESULTS

Workorder: 1008803 GAITHERSBURG HS 20115.00.00.00

Lab ID: 1008803001 Date Received: 10/25/2011 11:30 Matrix: Soil/Solids/Sedi-
ment
Sample ID: SS1-SOIL-08 Date Collected: 10/24/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Physical Properties

Analysis Desc: SW-846 3550 sec 7.2		Analytical Method: SW-846 3550 sec 7.2							
Percent Moisture	12.8	%		1			10/26/2011 14:20	JRM	

Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<5.73	mg/Kg	5.73	400	10/26/2011 10:22	JRM	10/26/2011 15:44	MBC	
Aroclor 1221	<5.73	mg/Kg	5.73	400	10/26/2011 10:22	JRM	10/26/2011 15:44	MBC	
Aroclor 1232	<5.73	mg/Kg	5.73	400	10/26/2011 10:22	JRM	10/26/2011 15:44	MBC	
Aroclor 1242	<5.73	mg/Kg	5.73	400	10/26/2011 10:22	JRM	10/26/2011 15:44	MBC	
Aroclor 1248	<5.73	mg/Kg	5.73	400	10/26/2011 10:22	JRM	10/26/2011 15:44	MBC	
Aroclor 1254	73.3	mg/Kg	5.73	400	10/26/2011 10:22	JRM	10/26/2011 15:44	MBC	
Aroclor 1260	<5.73	mg/Kg	5.73	400	10/26/2011 10:22	JRM	10/26/2011 15:44	MBC	

CERTIFICATE OF ANALYSIS

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Analytics Corporation
10329 Stony Run Lane
Ashland, VA 23005
Phone: (804)365-3000
Fax: (804)365-3002

ANALYTICAL RESULTS

Workorder: 1008803 GAITHERSBURG HS 20115.00.00.00

Lab ID: 1008803002 Date Received: 10/25/2011 11:30 Matrix: Soil/Solids/Sedi-
ment
Sample ID: SS1-SOIL-02 Date Collected: 10/24/2011 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
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Physical Properties

Analysis Desc: SW-846 3550 sec 7.2		Analytical Method: SW-846 3550 sec 7.2							
Percent Moisture	8.20	%		1			10/26/2011 14:20	JRM	

Polychlorinated Biphenyls(PCB)

Analysis Desc: SW-846 8082		Preparation Method: SW-846 3550B (PCB)							
		Analytical Method: SW-846 8082							
Aroclor 1016	<0.545	mg/Kg	0.545	1	10/26/2011 10:22	JRM	10/26/2011 14:55	MBC	
Aroclor 1221	<0.545	mg/Kg	0.545	1	10/26/2011 10:22	JRM	10/26/2011 14:55	MBC	
Aroclor 1232	<0.545	mg/Kg	0.545	1	10/26/2011 10:22	JRM	10/26/2011 14:55	MBC	
Aroclor 1242	<0.545	mg/Kg	0.545	1	10/26/2011 10:22	JRM	10/26/2011 14:55	MBC	
Aroclor 1248	<0.545	mg/Kg	0.545	1	10/26/2011 10:22	JRM	10/26/2011 14:55	MBC	
Aroclor 1254	<0.545	mg/Kg	0.545	1	10/26/2011 10:22	JRM	10/26/2011 14:55	MBC	
Aroclor 1260	<0.545	mg/Kg	0.545	1	10/26/2011 10:22	JRM	10/26/2011 14:55	MBC	

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LABORATORY TEST REQUEST

ACCOUNT NUMBER, NAME AND ADDRESS

S A I C
 M/S E-7-4
 8301 GREENSBORO DRIVE
 MCLEAN, VA 22102
 Phone: 703-676-8720
 Fax: 1-703-375-2502
 PROJ#: AML00024



10329 Stony Run Lane
 Ashland, VA 23005
 (804) 365-3000
 TOLL FREE (800) 888-8061
 FAX (804) 365-3002

DATE SHIPPED 10/24/11	# OF SAMPLES 2	SAMPLE TYPE/MEDIA SOIL	PROJECT NAME OR NUMBER Gaithersburg HS 200115.00.00.00.002	
PURCHASE ORDER NO. PO10088390		CONTACT John Whelpley	TELEPHONE NUMBER (703) 676-8944	
TURN AROUND TIME <input checked="" type="checkbox"/> 2 DAY <input type="checkbox"/> STANDARD <input type="checkbox"/> EXTRA CHARGE		SPECIAL INSTRUCTIONS AND/OR UNUSUAL CONDITIONS: 2-day TAT		<input type="checkbox"/> FAX RESULTS FAX NUMBER: <input checked="" type="checkbox"/> EMAIL RESULTS - EMAIL: whelpley.j@saic.com
FOR LABORATORY USE ONLY	SAMPLE # OR SAMPLE AREA	SAMPLE DATE	SAMPLE VOLUME/LITERS	ANALYSIS REQUESTED-PLEASE USE SEPARATE LABORATORY TEST REQUEST FOR EACH SAMPLE TYPE
	SSI-SOIL-08	10/24/11	402	PCBS
	SI-SOIL-02	10/24/11	402	PCBS

CHAIN OF CUSTODY RECORD

SAMPLES HAVE BEEN SEALED FOR TRANSPORT AND DELIVERED TO LABORATORY VIA:

Fed Ex

CARRIER

IF "ANALYTICS COURIER" SIGN HERE

SIGN HERE TO INITIATE CHAIN OF CUSTODY

DATE

10/24/2011

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:		SAMPLES RELEASED BY:	
10-25-11	1130 ok 16cc	SIGNATURE(SAMPLE RECEIVING)		SIGNATURE(SAMPLE RECEIVING)	
		SIGNATURE(SAMPLE ADMINISTRATION)		SIGNATURE(SAMPLE ADMINISTRATION)	
		SIGNATURE(LAB)		SIGNATURE(LAB)	
		SIGNATURE(LAB)		SIGNATURE(LAB)	

JAMES ALTIERI

PLEASE RETAIN PART 3 FOR YOUR RECORDS



ANALYTICS

Sample Container Receipt Form

Version 6-24-2011

Work Order: 1008803

Customer Name: SAIC 45209005 AML000

CLIENT SAMPLE ID	LAB CONTAINER ID	TYPE OF CONTAINER	QTY	Temp(C)	pH	Chlorine on Arrival (ppm)	Condition Code	Preservative
SS1-SOIL-08	1008803001-A	4 OZ G	1	16			OK	COOL
SS1-SOIL-02	1008803002-A	4 OZ G	1	16			OK	COOL

Notes

Sample Custodian Signature

JAMES ALTIERI

Date: 8-25-4

ONLINE DOCUMENTS\Forms Worksheets\Sample Receiving\Sample Container Receipt For